

**TABLE 1
PROPOSED MONITORING PROGRAM
ARMY CREEK LANDFILL, NEW CASTLE, DELAWARE**

Monitoring Location	Well Type	PFAS	Western Lobe	Supply Wells	Water Levels
MW-28	Former Recovery	X			X
MW-29	Former Recovery	X			X
MW-31	Former Recovery	X			X
RW-10	Former Recovery	X	X		X
BW-1	Existing Monitoring	X			X
BW-2	Existing Monitoring	X			X
BW-3	Existing Monitoring	X			X
MW-40	Existing Monitoring	X			X
MW-38N	Existing Monitoring				X
P-4	Existing Monitoring	X	X		X
P-4L	Proposed Monitoring	X	X		X
WL-1U	Proposed Monitoring	X	X		X
WL-1L	Proposed Monitoring	X	X		X
WL-2U	Proposed Monitoring	X	X		X
WL-2L	Proposed Monitoring	X	X		X
P-5U	Existing Monitoring				X
P-5L	Existing Monitoring				X
P-6	Existing Monitoring				X
MW-22N	Existing Monitoring	X	X		X
MW-22NU	Proposed Monitoring	X	X		X
MW-26N	Existing Monitoring				X
MW-49N	Existing Monitoring				X
MW-54	Existing Background	X			X
MW-56	Existing Background	X			X
MW-58	Existing Background	X			X
MW-18	Existing Monitoring				X
DGC-10S	Existing Monitoring				X
DGC-10D	Existing Monitoring				X
DGC-11S	Existing Monitoring				X
DGC-11D	Existing Monitoring				X
GV-1	Gas Vent	X			X
GV-7	Gas Vent	X			X
GV-9	Gas Vent	X			X
GV-13	Gas Vent	X			X
GV-14	Gas Vent	X			X
GV-17	Gas Vent	X			X
GV-29	Gas Vent	X			X
GV-46	Gas Vent	X			X
GV-48	Gas Vent	X			X
GV-51	Gas Vent	X			X
AWC-2	Supply Well			X	
AWC-G3R	Supply Well			X	
AWC-6R	Supply Well			X	
AWC-7	Supply Well			X	

3/27/2019

Notes:

X - Groundwater samples will be analyzed for PFAS suite, consistent with the PFAS suite for DS&G, plus field parameters.

Samples from gas vents will be analyzed for PFAS suite only.

X - Quarterly analytical parameters will include VOCs, total and dissolved iron, total and dissolved manganese, total and dissolved cobalt, and field parameters. The semi-annual events (April and October) will also include anions and cations as follows: calcium, magnesium, potassium, sodium, ammonia, nitrate, nitrite, sulfate, sulfide, chloride, and bicarbonate.

X - Supply wells will be sampled by AWC monthly for iron and manganese analyses, and quarterly for cobalt.

Addition of other parameters is under consideration by AWC. Only wells that are operating will be sampled during each event.

X - A complete round of water levels will be measured synoptically at all wells, within 48 hours of the completion of the sampling event.

(1) - PFAS monitoring event will be conducted synoptically during the first DS&G event performed after the new wells are installed.

(2) - Western Lobe Study will be conducted quarterly for four quarters, two of which will be done at same time as annual/semi-annual events.

(3) - Field Indicator Parameters include temperature, specific conductance, pH, oxidation-reduction potential, dissolved oxygen and turbidity.